Supplementary file

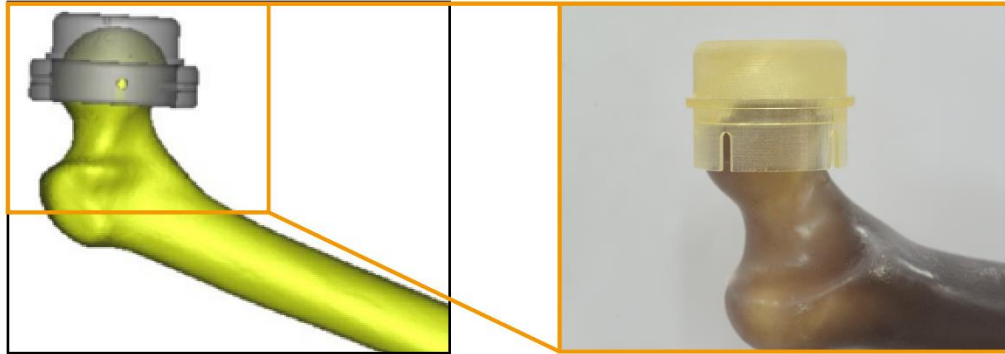**Figure S1.** The proximal femur rotation control model was designed and fabricated in 3-Matic and 3D printer.